

ABSTRACT OF THE DISCLOSURE

An injection molding machine includes an actuating drive in form of an electromotive spindle drive and an energy storage device associated with the spindle drive. The energy storage device stores kinetic energy and can include two counteracting compression spring assemblies. The energy storage device is hereby loaded, as the spindle drive moves to a first end position, and unloaded, as the spindle drive moves in opposite direction to a second end position, wherein unloading of the energy storage device is accompanied by a power boost of the electric motor, and wherein the first force is equal to the second force at an equilibrium location distal from the end positions of the spindle drive.